| 1. | ndex | of CI | aims |  |
|----|------|-------|------|--|
|    |      |       |      |  |

| Application/Control No |
|------------------------|
|------------------------|

Applicant(s)/Patent under Reexamination

LORTON ET AL.

10/663,294

Examiner

Art Unit

Elizabeth A. Shaw

3644

| √ | Rejected |
|---|----------|
| = | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| - | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|          |          | _  |  |              |          |  |              |              |              |                                     |  |          |           |   |   |                |  |  |  |   |
|----------|----------|--|--|--------------|----------|--|--------------|--------------|--------------|-------------------------------------|--|----------|-----------|---|---|----------------|--|--|--|---|
| Cla      | aim      |  |  |              | - [      | Date   | е            |              |              |                                     | Cla  | aim      |           |   |   | 1              | Date   | 9  |  |   |
| Final    | Original | 5/1/06   |  |              |          |  |              |              |              |                                     | Final  | Original |           |   |   |                |  |  |  |   |
|          | 1        | 1  |  |              |          | Г  | <u> </u>     |              |              | $\Box$                              |  | 51       |           |   |   |                |  |  |  | T |
|          | 2        | 1  |  |              |          |  |              |              |              |                                     |  | 52       |           |   |   |                |  |  |  | Γ |
|          | 3        | 1  |  |              |          |  |              |              |              |                                     |  | 53       |           |   |   |                |  |  |  | L |
|          | 4        | 0  |  |              |          |  | $oxed{oxed}$ |              |              |                                     |  | 54       |           |   |   |                |  |  |  |   |
|          | 5        | 0  |  |              |          |  |              |              |              |                                     |  | 55       |           |   |   | L              |  |  |  | L |
| L        | 6        | 0  |  |              |          |  | L            | _            |              |                                     |  | 56       | Ш         |   |   | _              |  |  |  | L |
| L_       | 7        | 1  |  |              | _        | <u> </u>   | _            | L            | ┖            | L                                   |  | 57       |           |   |   |                |  |  |  | L |
|          | 8        | 1  |  |              |          |  | _            | L            | <u></u>      |                                     |  | 58       | Ш         |   |   |                | <u> </u>   |  | <u></u>  | L |
|          | 9        | 0  |  |              |          | L_   | _            |              |              |                                     |  | 59       |           |   |   |                |  |  |  | L |
|          | 10       | 1  | _  | _            |          | _  | _            | _            | _            | Ш                                   |  | 60       |           |   |   | _              | <u> </u>   | _  | _  | L |
| L        | 11       | 7  |  |              |          | _  | _            | $oxed{oxed}$ | $oxed{oxed}$ | Ш                                   |  | 61       |           |   |   | <u> </u>       | $ldsymbol{ld}}}}}}$ | ldash  | _  | L |
| ļ        | 12       | 1  | <u> </u>   | _            |          | <u> </u>   | <u> </u>     | L            | <u> </u>     |                                     |  | 62       |           |   |   |                | <u> </u>   | <u> </u>   | <u> </u>   | L |
| <u> </u> | 13       | 1  | _  |              | L        | _  | <u> </u>     | _            | _            |                                     |  | 63       | Щ         |   |   | _              | _  | <u></u>  |  | L |
| ļ        | 14       | 0  | _  | _            | <u>_</u> | <u> </u>   | <u> </u>     | <u> </u>     | _            | <u> </u>                            |  | 64       | Ш         |   |   | <u> </u>       | <u> </u>   | <u> </u>   | _  | L |
| <u> </u> | 15       | 0  | _  |              | _        | _  | <u> </u>     | <u> </u>     | _            | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |  | 65       | Щ         |   |   | <u> </u>       | _  | _  | <u> </u>   | L |
| <b> </b> | 16       | O,   | <u> </u>   | _            | _        | <u> </u>   | _            | <u> </u>     | _            |                                     |  | 66       |           |   |   | <u> </u>       | <u> </u>   | _  | <u> </u>   | L |
| <u> </u> | 17       | 1  | ļ  | <u> </u>     | _        | _  |              | <u> </u>     | <u> </u>     | <u> </u>                            |  | 67       |           |   |   |                | ╙  | _  |  | L |
|          | 18       | 1  | _  | L            | <u> </u> | ļ  | L.           | <u> </u>     | <u> </u>     | ┖                                   | <u> </u>   | 68       | Ш         |   |   | _              | Щ  | <u> </u>   | _  | Ļ |
| -        | 19       | 1  | _  | <u> </u>     | _        | _  | _            | <u> </u>     | <u> </u>     | <u> </u> _                          |  | 69       | Ш         |   |   | <u> </u>       | <u> </u>   | <u> </u>   | <u> </u>   | L |
| -        | 20       | 1  | _  | <u> </u>     | $\vdash$ | _  | _            | ┡            | <u> </u>     | _                                   |  | 70       | Ш         |   |   | <u> </u>       | _  | <u> </u>   | L  | Ļ |
|          | 21       | =  | <u> </u>   | <u> </u>     | -        | _  | _            | <u> </u>     | ⊢            | _                                   | <u> </u>   | 71       | $\square$ |   |   | <u> </u>       | <u> </u>   | <u> </u>   | _  | Ļ |
|          | 22       | =  |  | <u> </u>     | <u> </u> | _  |              | ┡            | <u> </u>     | _                                   |  | 72       | Ш         |   |   | <u> </u>       |  | _  | <u> </u>   | Ļ |
|          | 23       | ╚  | <u> </u>   | <u> </u>     | _        | <u> </u>   |              | ┡            | <u> </u>     | <u> </u>                            | ļ  | 73       | <u> </u>  |   | _ | <u> </u>       | <u> </u>   | _  | _  | Ļ |
|          | 24       | =  | _  | <u> </u>     |          | _  | <u> </u>     | ┡            | ▙            | L                                   |  | 74       | Н         |   |   | ⊢              | <u> </u>   | <u> </u>   | <u> </u>   | Ļ |
| -        | 25       | =  | <del> </del>                                     | <u> </u>     | ⊩        | -  |              | -            | ┞            | -                                   |  | 75       |           |   | _ | <del>  -</del> | ⊢  | -  | ⊢  | ŀ |
|          | 26       | =  | <u> </u>   | <del> </del> |          | ⊢  |              |              | <del> </del> | ⊢                                   |  | 76       | $\vdash$  |   |   |                | ├—   | -  | <u> </u>   | 1 |
|          | 27       | =  | -  | ├            |          | ├  | -            | -            | -            | ├-                                  |  | 77       | H         | _ | _ |                | -  |  | ⊢  | 1 |
| -        | 28<br>29 | =  | $\vdash$   | $\vdash$     |          | <del> </del>                                     |              | -            | ⊢            | $\vdash$                            |  | 78<br>79 | $\vdash$  |   | _ | H              | -  | $\vdash$   | ⊢  | ╀ |
|          | 30       | =  | ⊢  | <del> </del> |          | ⊢  |              | ┢            | ⊢            | $\vdash$                            |  | 80       |           | _ | _ | $\vdash$       | ⊢  | $\vdash$   | ⊢  | ╀ |
|          | 31       | ┞  | ├  | -            |          | ├—   | ⊢            | ╁            | ├            | -                                   |  | 81       | $\vdash$  |   |   | ⊢              |  | -  | ⊢  | ╀ |
|          | 32       | -  | ┝  | ⊢            |          | ⊢  |              | ⊢            | ├            | $\vdash$                            |  | 82       | $\vdash$  |   |   | $\vdash$       | ├  | -  | ⊢  | ╀ |
| -        | 33       | ⊢  | ⊢  | -            | -        | ⊢  | -            | ┢            | ┢            | H                                   |  | 83       | Н         | _ | _ | ⊢              | ⊢  | H  | ⊢  | ╁ |
| -        | 34       | ⊢  | ⊢  | $\vdash$     | -        | ┢  |              | ╁            | ├            | ├                                   | -  | 84       | Н         |   |   | ⊢              | ⊢  | $\vdash$   | ├—   | ╁ |
|          | 35       | H  | $\vdash$   | ⊢            | $\vdash$ | ┢  | ┢            | $\vdash$     | ⊢            | $\vdash$                            |  | 85       | Н         |   |   |                | $\vdash$   | $\vdash$   | ⊢  | t |
| -        | 36       | ┝  | -  | ⊢            | $\vdash$ | $\vdash$   | $\vdash$     | -            | ├-           | ⊢                                   |  | 86       | -         |   |   | ┢              | $\vdash$   | $\vdash$   | ┢  | ╁ |
|          | 37       | ├-   | <del>  -</del>                                   |              | $\vdash$ |  | -            | $\vdash$     | ╁            | -                                   | -  | 87       | $\vdash$  | _ | _ | <del> </del>   | $\vdash$   | -  | <del> </del>                                     | t |
| -        | 38       | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$ |  | $\vdash$     | <del> </del> | H            | $\vdash$                            | <del>                                     </del> | 88       | $\vdash$  |   |   | $\vdash$       | H  | Н  | <del>                                     </del> | t |
| <b>—</b> | 39       | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$ | $\vdash$   | $\vdash$     | 1            | $\vdash$     | $\vdash$                            | <u> </u>   | 89       | $\vdash$  | _ | - | $\vdash$       | $\vdash$   | $\vdash$   | <del>                                     </del> | t |
|          | 40       | H  | H  | $\vdash$     |          |  |              |              | Н            | $\vdash$                            | <u> </u>   | 90       | H         |   |   | Н              |  |  | ┢  | t |
|          | 41       | 一  | <del>                                     </del> | $\vdash$     | $\vdash$ | $\vdash$   | $\vdash$     | t            | H            |                                     | <b>-</b>   | 91       | H         |   | - | Н              | $\vdash$   | <del>                                     </del> | $\vdash$   | t |
|          | 42       | <u> </u>   | $\vdash$   | $\vdash$     | _        | <del>                                     </del> |              | 1            | $\vdash$     | Н                                   | <del>                                     </del> | 92       |           | _ | _ | $\vdash$       | <del>                                     </del>   | Н  | <del> </del>                                     | t |
|          | 43       | <del>                                     </del> |  | <u> </u>     |          |  |              | 1            | T            |                                     |  | 93       |           |   |   |                | $\vdash$   | Г  | $\vdash$   | t |
|          | 44       | П  | $\vdash$   |              | _        |  | П            | T            |              | П                                   |  | 94       | П         |   |   |                | Т  | Г  | Г  | t |
| 1        | 45       |  | T  | Т            | Т        |  |              | T            |              | П                                   |  | 95       | Н         |   |   | $\vdash$       | 1  |  | П  | t |
|          | 46       | Ι  |  |              |          |  |              |              | $\vdash$     | П                                   |  | 96       | П         |   |   |                |  |  | Г  | t |
|          | 47       | Г  | Г  |              |          |  | $\vdash$     | Г            |              | П                                   |  | 97       | $\Box$    |   |   |                | Т  | Π  |  | T |
|          | 48       | Г  | Г  | Г            |          |  | Г            | Г            | Г            |                                     |  | 98       | П         |   |   | Г              | Ι_   |  | Г  | T |
|          | 49       | Π  | Π  |              | Г        |  | Γ            | T -          |              | П                                   |  | 99       |           |   |   |                |  |  |  | Γ |
|          | 50       | Π  | Γ  | Г            |          | Γ  | Π            |              | Γ            | П                                   |  | 100      | П         |   |   |                |  |  |  | T |
|          |          |  |  |              |          |  |              | _            | _            |                                     |  |          |           |   | _ | _              |  |  |  | - |

| Š           | 11111                |               |          |  |  | Jak      |          |          |          |          |
|-------------|----------------------|---------------|----------|--|--|----------|----------|----------|----------|----------|
| Final       | Original             |               |          |  |  |          |          |          |          |          |
|             | 51                   |               |          |  |  |          | Н        |          |          |          |
|             | 52                   |               |          |  |  |          |          |          | _        |          |
|             | 51<br>52<br>53       | Н             |          |  | _  | -        |          |          |          | -        |
|             | 54                   | -             |          |  | Н  | -        | -        |          |          |          |
|             | 54<br>55             |               | -        |  |  | -        |          |          |          | _        |
|             | 56                   | -             |          | _  | ┢╌   | _        |          |          | Н        | -        |
|             | 57                   |               | -        | _  | _  | $\vdash$ | -        | -        |          |          |
|             | 58                   | -             |          | -  | -  | -        |          |          |          |          |
|             | 59                   | $\vdash$      | _        |  | $\vdash$   | -        | $\vdash$ | -        |          |          |
|             | 59                   |               |          |  |  |          |          |          |          |          |
| _           | 60<br>61             |               |          | _  | -  | _        |          | -        | -        | _        |
|             | 62                   |               |          |  | $\vdash$   | _        |          |          |          |          |
|             | 62<br>63             |               |          | _  | _  | ⊢        | -        | <u> </u> |          | <u> </u> |
|             | 03                   |               |          |  | _  |          |          | <u> </u> |          | _        |
|             | 64                   |               | $\sqcup$ | _  | <u> </u>   | <u> </u> |          | <u> </u> |          | _        |
|             | 65<br>66             | $\vdash$      |          | _  | <u> </u>   | <u> </u> |          | L        |          | _        |
|             | 66                   | _             |          | _  | _  | <u> </u> | _        | <u> </u> | _        | _        |
|             | 67                   |               |          |  |  | L        | _        |          |          |          |
| <u> </u>    | 68<br>69             |               |          |  | lacksquare   | Ь.       |          |          |          |          |
|             | 69                   |               |          |  | <u> </u>   | L        |          | _        |          |          |
|             | 70                   |               |          | _  | _  | L        |          | L        |          |          |
|             | 70<br>71             |               |          |  |  | L        |          |          |          |          |
|             | 72<br>73<br>74<br>75 |               |          |  |  |          |          |          |          |          |
|             | 73                   |               |          | Ĺ  |  |          |          |          |          |          |
|             | 74                   |               |          |  | Г  | Г        |          |          |          |          |
|             | 75                   |               |          |  |  |          |          |          |          |          |
|             | 76<br>77             |               |          |  |  | Г        |          |          |          |          |
|             | 77                   |               |          |  |  | _        |          |          |          |          |
|             | 78                   |               |          |  |  |          |          |          |          |          |
|             | 79                   | Г             |          |  |  |          |          |          |          |          |
|             | 80                   | $\overline{}$ | Г        |  |  |          |          |          |          |          |
|             | 81                   | _             | _        | _  |  |          |          |          |          |          |
|             | 82                   |               | $\vdash$ |  |  | _        |          |          |          |          |
|             | 82<br>83             |               |          |  | Г  |          |          | -        |          |          |
|             | 84                   | H             | Н        |  |  |          |          | -        | _        | _        |
|             | 84<br>85             | Н             |          | $\vdash$                                     |  |          |          | ┢        | $\vdash$ |          |
|             | 86                   | -             |          | -  | ┢  |          | $\vdash$ | -        |          |          |
|             | 87                   | $\vdash$      | _        | $\vdash$                                     | ┢  | $\vdash$ | -        | <u> </u> |          |          |
| -           | 88                   | <u> </u>      | -        |  | H  |          |          | ┢        |          |          |
|             | 89                   | $\vdash$      | -        | $\vdash$                                     | $\vdash$   |          |          | -        |          |          |
|             | 90                   | H             |          | H  | $\vdash$   |          |          | $\vdash$ |          |          |
|             | 90<br>91             | $\vdash$      |          | -  | ⊢  | ┢╌       | _        | ┢        | -        | _        |
|             | 92                   | <del> -</del> | -        | _  | $\vdash$   | -        |          |          | $\vdash$ | _        |
| <del></del> | 93                   | _             | -        | <del></del>                                  | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash$ | H        |          |
| $\vdash$    | 94                   | $\vdash$      |          | $\vdash$                                     | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ |          |
|             | 95                   | $\vdash$      | $\vdash$ | _  | ├  | $\vdash$ |          | $\vdash$ | $\vdash$ | -        |
| <del></del> | 96                   | $\vdash$      |          | $\vdash$                                     | $\vdash$   | $\vdash$ |          | $\vdash$ | -        | $\vdash$ |
| <del></del> | 97                   | -             | -        | $\vdash$                                     | -  | $\vdash$ | -        | ┢        |          | -        |
| <u> </u>    | 98                   |               | -        | <u> —                                   </u> | $\vdash$   | ├─       | -        | $\vdash$ |          | -        |
| -           | 99                   | -             |          | $\vdash$                                     | <del>  -                                    </del> | $\vdash$ | -        |          |          | -        |
|             | 100                  |               |          | $\vdash$                                     | -  | -        | -        | $\vdash$ |          | -        |
|             |                      |               |          |  |  |          |          |          |          |          |

|             | J                                      |              |          |                |              |          |              |              | '        |          |  |  |
|-------------|--|--------------|----------|----------------|--------------|----------|--------------|--------------|----------|----------|--|--|
| Cla         | aim                                    | Date         |          |                |              |          |              |              |          |          |  |  |
| Final       | Original                               |              |          |                |              |          |              |              |          |          |  |  |
|             | 101<br>102<br>103                      |              |          |                |              |          |              |              |          |          |  |  |
| -           | 102                                    |              |          |                |              |          |              |              |          |          |  |  |
|             | 103                                    |              |          | Ш              |              | _        |              |              |          | Ш        |  |  |
|             | 104                                    |              | _        |                |              |          |              |              |          | Ш        |  |  |
|             | 105                                    | <u> </u>     | _        | H              | _            | _        | _            | _            |          | $\dashv$ |  |  |
|             | 105<br>106<br>107                      | $\vdash$     | _        |                |              |          |              |              |          |          |  |  |
|             | 107                                    | H            | _        | $\vdash$       |              | -        |              | _            | _        | Н        |  |  |
|             | 109                                    | ┝            | -        | -              |              |          |              |              |          | H        |  |  |
| -           | 110                                    |              |          |                |              |          |              |              |          | H        |  |  |
|             | 111                                    |              |          |                |              |          |              |              |          |          |  |  |
|             | 112                                    |              |          |                |              |          |              |              |          | П        |  |  |
|             | 113<br>114<br>115                      |              |          |                |              |          |              |              |          |          |  |  |
|             | 114                                    | _            |          |                |              |          |              |              |          |          |  |  |
|             | 115                                    | _            | L        | _              | <u> </u>     | _        | _            | _            | _        | Щ        |  |  |
|             | 116<br>117<br>118                      | _            | _        | _              |              | L        | <u> </u>     | <u> </u>     | <u> </u> | Н        |  |  |
|             | 117                                    |              | -        | <del> </del> — | -            | _        |              | <u> </u>     | ┝        | Н        |  |  |
|             | 110                                    | $\vdash$     | $\vdash$ | ⊢              | <u> </u>     | -        | $\vdash$     | ┝            |          | Н        |  |  |
|             | 119<br>120                             |              | ┢        | -              | <del> </del> |          | ┝            |              | ┝        |          |  |  |
|             | 121                                    | ┢            | $\vdash$ | -              | $\vdash$     | -        | ┢            | -            | $\vdash$ | H        |  |  |
|             | 122                                    | $\vdash$     | $\vdash$ | $\vdash$       |              | $\vdash$ | $\vdash$     |              | $\vdash$ | H        |  |  |
|             | 121<br>122<br>123<br>124<br>125<br>126 |              |          | T              |              |          |              |              |          | П        |  |  |
|             | 124                                    |              |          |                |              |          |              | Г            |          |          |  |  |
|             | 125                                    |              |          |                |              |          |              |              |          |          |  |  |
|             | 126                                    | L_           | <u> </u> |                | <u> </u>     | L        | _            | <u> </u>     | _        |          |  |  |
|             | 127                                    | <u> </u>     |          | <u> </u>       | _            | <u> </u> | <u> </u>     | _            | <u> </u> | Ш        |  |  |
|             | 127<br>128<br>129                      | ⊢            | ┝        | ⊢              | ⊢            |          | ⊢            | ┝            | ⊢        | Н        |  |  |
|             | 129                                    | ├            | $\vdash$ | $\vdash$       | ⊢            | ⊢        | ⊢            | $\vdash$     | $\vdash$ | Н        |  |  |
|             | 130<br>131                             | ┢            | -        | ┢              | $\vdash$     | $\vdash$ | $\vdash$     | -            | $\vdash$ | Н        |  |  |
|             | 132                                    | Н            |          | _              | <u> </u>     |          |              |              |          | Н        |  |  |
|             | 133<br>134                             |              |          |                | I            |          |              |              |          | П        |  |  |
|             | 134                                    |              |          |                |              |          |              |              |          |          |  |  |
|             | 135                                    |              |          |                |              |          | <u> </u>     | L_           |          | Ц        |  |  |
|             | 136                                    |              | _        | _              | L.           |          |              | L            |          |          |  |  |
|             | 137                                    | _            | _        |                | _            | <u> </u> | ⊢            |              |          | Н        |  |  |
|             | 138<br>139                             | _            | -        | $\vdash$       | $\vdash$     | ┡        | $\vdash$     | _            | _        | Н        |  |  |
|             | 140                                    |              | $\vdash$ | $\vdash$       | $\vdash$     | ⊢        | $\vdash$     |              |          | Н        |  |  |
|             | 141                                    | _            | ┢        | ┢              | $\vdash$     | ┢        | $\vdash$     | -            | -        | Н        |  |  |
|             | 142                                    | $\vdash$     | $\vdash$ |                |              |          |              |              |          | П        |  |  |
|             | 143                                    |              |          |                |              |          |              |              |          |          |  |  |
|             | 144                                    |              |          |                |              |          |              |              |          |          |  |  |
|             | 145                                    |              | <u> </u> |                |              | <u> </u> |              | Ĺ            |          | Ш        |  |  |
| <u> </u>    | 146                                    | <u> </u>     | _        | _              | <u> </u>     | <u> </u> | L            | L            | _        | Ш        |  |  |
| <u> </u>    | 147                                    | <del> </del> | _        | <u> </u>       |              | <u> </u> | <del> </del> | <del> </del> | $\vdash$ | Н        |  |  |
| <del></del> | 148                                    | $\vdash$     | $\vdash$ | $\vdash$       | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$     | ⊢        | Н        |  |  |
|             | 149<br>150                             | $\vdash$     | -        | $\vdash$       | ┝            | -        | -            | -            | $\vdash$ | $\vdash$ |  |  |
|             | 100                                    | Щ            |          | <u> </u>       | Щ            | Щ        | Щ.           | Щ            | Щ        | ш        |  |  |